(Poly)peptide(s) in hydrated, lipidic, lamellar phase - for stimulation of cell growth, esp. fibroblasts, used in healing wounds and burns and improving growth in culture media

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JP 59152333	A	19840831	JP 8421506	A	19840208		198441
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Abstract (Basic): FR 2540381 A

Process for stimulation of cell growth, esp. growth of fibroblasts, by the action of peptides or polypeptides, comprises encapsulating or incorporating the peptides, polypeptides or their mixts. in a hydrated, lipidic, lamellar phase, such as liposomes, and contacting this phase with the cells to be treated.

The peptides and polypeptides are pref. obtd. by hydrolysis of tissue structure macromolecules and proteins, esp. elastin, fibroin, keratin, collagen, myosin, actin, tubulin or fibrin. Hydrolysates of elastin or collagen of mol. wt. 1,000-75,000 are esp. pref.

USE - Cosmetic and pharmaceutical compsn. for stimulating cell growth and revitalising skin. The compsn. avoids the risk of intolerance reaction w.r.t. the skin and is used to cauterise burns, wounds, etc. The prod. may also be added to culture media (as a total or partial replacement for placenta extracts or serums), where it stimulates cell growth.

Title Terms: POLY; PEPTIDE; HYDRATED; LIPID; LAMELLA; PHASE; STIMULATING; CELL; GROWTH; FIBROBLAST; HEAL; WOUND; BURN; IMPROVE; GROWTH; CULTURE; MEDIUM
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